

## REMARKS

This response is submitted in reply to the Official Action dated February 14, 2006 ("the Action"). Claims 1-27, 39-44, 46-62 and 66-73 are pending in the present application. In the Action, the Examiner required an election of one of the following species:

**Species A1:** shaping a semiconductor layer in a light-emitting element; or

**Species A2:** shaping a semiconductor layer in a substrate;

If Species A2 is elected, the Examiner required that Applicant must further elect from the following subspecies:

**Subspecies B1:** the surface of the substrate is on a side of the substrate opposite to the light-emitting element; or

**Subspecies B2:** the surface of the substrate is on the same side of the light-emitting element;

as well as election of a subspecies of the shape of the geometric patterns, categorized in the following:

**Species C1:** geometric patterns comprising parabolic (sic);

**Species C2:** geometric patterns comprising different geometric patterns or randomization features; or

**Species C3:** geometric patterns comprising sinusoidal grooves.

Applicant hereby elects Species A2 for prosecution. Applicant further elects Subspecies B1 and Species C2 for prosecution. Claims 1, 4-7, 10-13, 15, 17, 19, 21-27, 39-43, 46-62, and 75 read on embodiments of Species A2, Subspecies B1, and Species C2. Claims 2, 3, 8, 9, 14, 16, 18, 20, 44 and 66-73 have been withdrawn from consideration.

Applicant agrees that unpatentability of claims directed to embodiments of a non-elected species/subspecies would not necessarily imply unpatentability of claims directed to the embodiments of the elected species/subspecies. Accordingly, this election is made without traverse.

Applicant submits that Claims 1, 7, 10, 11, 15, 22-25 and 75 are generic to all species/subspecies identified in the Action. Upon allowance of a generic claim, the Applicants respectfully request consideration of claims to additional species which are

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written in dependent form or otherwise include all recitations of an allowed generic claim.

Applicant has amended claim 4 to correct a typographical error.

### CONCLUSION

In view of the above, Applicant respectfully submits that this application is now in condition for substantive examination, which action is requested.

Respectfully submitted,



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